

**Notice of References Cited**

Application/Control No.

10/565,573

Applicant(s)/Patent Under  
Reexamination  
SMITH, DANIEL J.

Examiner

BRITTANY M. MARTINEZ

Art Unit

1793

Page 1 of 6

**U.S. PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-5,519,020	05-1996	Smith et al.	424/718
*	B	US-2002/0136750 A1	09-2002	BENJAMIN et al.	424/408
*	C	US-2005/0036949 A1	02-2005	Tucker et al.	424/045
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

**FOREIGN PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N	WO 01/54667 A1	08-2001	WO	Ignatious et al.	
	O					
	P					
	Q					
	R					
	S					
	T					

**NON-PATENT DOCUMENTS**

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	Zhang et al., "An Integrated Nitric Oxide Sensor Based on Carbon Fiber Coated with Selective Membranes," 2000, Electroanalysis, 12, 14, pp. 1113-1117.
	V	Donovan et al., "Quantification of Diazeniumdiolate Mutagenicity in Four Different In Vitro Assays," 1997, Nitric Oxide: Biology and Chemistry, Vol. 1, No. 2, pp. 158-166.
	W	Bivalacqua et al., "Analysis of Vasodilator Responses to Novel Nitric Oxide Donors in the Hindquarters Vascular Bed of the Cat," 2001, Journal of Cardiovascular Pharmacology, 38, pp. 120-129.
	X	Keefer et al., "Chemistry of the Diazeniumdiolates," 2001, Nitric Oxide: Biology and Chemistry, Vol. 5, No. 4, pp. 377-394.

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

<b>Notice of References Cited</b>		Application/Control No. 10/565,573	Applicant(s)/Patent Under Reexamination SMITH, DANIEL J.	
		Examiner BRITTANY M. MARTINEZ	Art Unit 1793	Page 2 of 6

#### U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-			
	B	US-			
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

#### FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

#### NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	Keefer, "PROGRESS TOWARD CLINICAL APPLICATION OF THE NITRIC OXIDE-RELEASING DIAZENIUMDIOLATES," 2003, Annu. Rev. Pharmacol. Toxicol., 43, pp. 585-607.
	V	Stinson et al., "Plasma pharmacokinetics of a liver-selective nitric oxide-donating diazeniumdiolate in the male C57BL/6 mouse," 2002, xenobiotica, Vol. 32, No. 4, pp. 339-347.
	W	Witt et al., "Comparison of responses to novel nitric oxide donors in the feline pulmonary vascular bed," 2001, European Journal of Pharmacology, 430, pp. 311-315.
	X	Arnold et al., "A Nitric Oxide-Releasing Polydiazeniumdiolate Derived from Acetonitrile," 2002, Organic Letters, Vol. 4, No. 8, pp. 1323-1325.

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

<b>Notice of References Cited</b>	Application/Control No. 10/565,573		Applicant(s)/Patent Under Reexamination SMITH, DANIEL J.	
	Examiner BRITTANY M. MARTINEZ		Art Unit 1793	Page 3 of 6

#### U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-			
	B	US-			
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

#### FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

#### NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	Arnold et al., "Mechanistic insight into exclusive nitric oxide recovery from a carbon-bound diazeniumdiolate," 2002, Nitric Oxide: Biology and Chemistry, 7, pp. 103-108.
	V	Davies et al., "Chemistry of the Diazeniumdiolates. 2. Kinetics and Mechanism of Dissociation to Nitric Oxide in Aqueous Solution," 2001, J. Am. Chem. Soc. 123, pp. 5473-5481.
	W	Fitzhugh et al., "DIAZENIUMDIOLATES: PRO- AND ANTIOXIDANT APPLICATIONS OF THE 'NONOates,'" 2000, Free Radical Biology & Medicine, Vol. 28, No. 10, pp. 1463-1469.
	X	Furchgott, "Endothelium-Derived Relaxing Factor: Discovery, Early Studies, and Identification as Nitric Oxide," 1999, Bioscience Reports, Vol. 19, No. 4, pp. 235-251.

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

**Notice of References Cited**

Application/Control No.

10/565,573

Applicant(s)/Patent Under  
Reexamination  
SMITH, DANIEL J.

Examiner

BRITTANY M. MARTINEZ

Art Unit

1793

Page 4 of 6

**U.S. PATENT DOCUMENTS**

* A	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
B	US-			
C	US-			
D	US-			
E	US-			
F	US-			
G	US-			
H	US-			
I	US-			
J	US-			
K	US-			
L	US-			
M	US-			

**FOREIGN PATENT DOCUMENTS**

* N	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
O					
P					
Q					
R					
S					
T					

**NON-PATENT DOCUMENTS**

* U	Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
V	Hrabie et al., "Conversion of Proteins to Diazeniumdiolate-Based Nitric Oxide Donors," 1999, Bioconjugate Chem., 10, pp. 838-842.
W	Hrabie et al., "Reaction of Nitric Oxide at the $\alpha$ -Carbon of Enamines. A New Method of Preparing Compounds Containing the Diazeniumdiolate Functional Group," 2000, J. Org. Chem., 65, pp. 5745-5751.
X	Hrabie et al., "Chemistry of the Nitric Oxide-Releasing Diazeniumdiolate ("Nitrosohydroxylamine") Functional Group and Its Oxygen-Substituted Derivatives," 2002, Chem. Rev., 102, pp. 11351154.
	Keynes et al., "Superoxide-dependent consumption of nitric oxide in biological media may confound in vitro experiments," 2003, Biochem. J., 369, pp. 399-406.

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

**Notice of References Cited**

Application/Control No.

10/565,573

Applicant(s)/Patent Under  
Reexamination  
SMITH, DANIEL J.

Examiner

BRITTANY M. MARTINEZ

Art Unit

1793

Page 5 of 6

**U.S. PATENT DOCUMENTS**

* A B C D E F G H I J K L M	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	US-			
	US-			
	US-			
	US-			
	US-			
	US-			
	US-			
	US-			
	US-			
	US-			
	US-			
	US-			
	US-			

**FOREIGN PATENT DOCUMENTS**

* N O P Q R S T	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification

**NON-PATENT DOCUMENTS**

* U V W X	Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	Mowery et al., "Preparation and characterization of hydrophobic polymeric films that are thromboresistant via nitric oxide release," 2000, Biomaterials, 21, pp. 9-21.
	Saavedra et al., "Targeting Nitric Oxide (NO) Delivery in Vivo. Design of a Liver-Selective NO Donor Prodrug That Blocks Tumor Necrosis Factor- $\alpha$ -Induced Apoptosis and Toxicity in the Liver," 1997, J. Med. Chem., 40, pp. 1947-1954.
	Shami et al., "JS-K, a Glutathione/Glutathione S-Transferase-activated Nitric Oxide Donor of the Diazeniumdiolate Class with Potent Antineoplastic Activity," 2003, Molecular Cancer Therapeutics, Vol. 2, pp. 409-417.
	Saavedra et al., "Localizing Antithrombotic and Vasodilatory Activity with a Novel, Ultrafast Nitric Oxide Donor," 1996, J. Med. Chem., 39, pp. 4361-4365.

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

<b>Notice of References Cited</b>	Application/Control No. 10/565,573		Applicant(s)/Patent Under Reexamination SMITH, DANIEL J.	
	Examiner BRITTANY M. MARTINEZ		Art Unit 1793	Page 6 of 6

#### U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-			
	B	US-			
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

#### FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

#### NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	Saavedra et al., "The Secondary Amine/Nitric Oxide Complex Ion R <sub>2</sub> N[N(O)NO]- as Nucleophile and Leaving Group in SNAr Reactions," 2001, J. Org. Chem., 66, pp. 3090-3098.
	V	Saavedra et al., "Conversion of a Polysaccharide to Nitric Oxide-Releasing Form. Dual-Mechanism Anticoagulant Activity of Diazeniumdiolated Heparin," 2000, Bioorganic & Medicinal Chemistry Letters, 10, pp. 751-753.
	W	Saavedra et al., "Esterase-Sensitive Nitric Oxide Donors of the Diazeniumdiolate Family: In Vitro Antileukemic Activity," 2000, J. Med. Chem., 43, pp. 261-269.
	X	

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a))  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.